

CLAIMS

1. A test member suitable for use in a test device for testing of analyte concentration in a fluid to be applied thereto, the test member comprising a base member having a working area to which the fluid is to be applied, containing a reagent which is reactive to the said analyte to produce an electrical signal or a colour change, and a non-working area adjacent to the working area, wherein the total thickness of the test member in at least a portion of the non-working area is at least as great as the total thickness of the test member in the working area.

2. A test member as claimed in claim 1, wherein the total thickness of the test member in at least a part of the non-working area is greater than the total thickness of the test member in the working area.

3. A test member as claimed in claim 2, wherein the total thickness of the test member in at least a part of the non-working area is from 1 to 20 μm greater than the total thickness of the test member in the working area.

4. A test member as claimed in claim 2, wherein the total thickness of the test member in at least a part of the non-working area is from 5 to 10 μm greater than the total thickness of the test member in the working area.

5. A test member as claimed in claim 1, wherein the said at least a part of the non-working area includes a printed ink layer.

6. A test member as claimed in claim 1, wherein the said at least a part of the non-working area includes an adhered tape or pad.

7. A test member as claimed in claim 1, wherein the said at least a part of the non-working area includes an embossed structure.

5

8. A test member as claimed in claim 1 wherein the said at least a part of the non-working area includes a mesh layer.

10 9. A test member as claimed in claim 8, wherein the said mesh layer is continuous with a mesh layer in the working area.

15 10. A test member as claimed in claim 1, wherein the said reagent produces an electrical signal in response to the concentration of analyte in an applied fluid, the test member having a plurality of electrode tracks for transmitting the electrical signal, the said electrode tracks being exposed on a portion of the non-working area for connection to corresponding electrodes of a meter of a test device.

20 11. A test member as claimed in claim 1, wherein the test member is an elongate test strip.

25

12. A test member as claimed claim 1, suitable for use in testing for the concentration of glucose in blood.

30